



April 21, 2004


State of Utah  
Division of Oil, Gas & Mining  
Attn: Diana Whitney  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Ashley State 2-2-9-15, 3-2-9-15, 4-2-9-15,  
5-2-9-15, 6-2-9-15, and 7-2-9-15.

Dear Diana:

Enclosed find APD's on the above referenced wells. The 4-2-9-15 and 7-2-9-15 are both Exception Locations. I have notified our Denver Office and they will be send you the appropriate letters. When these APD's are approved, please contact Brad Mecham to set up a State On-Site. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

  
Mandie Crozier  
Regulatory Specialist

mc  
enclosures

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APR 22 2004  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

001

## APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK **DRILL** ☐ **DEEPEN** ☒

1b. TYPE OF WELL

OIL ☒ GAS ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. NAME OF OPERATOR

**Inland Production Company**

3. ADDRESS AND TELEPHONE NUMBER

**Route #3 Box 3630, Myton, UT 84052****Phone: (435) 646-3721**

4. LOCATION OF WELL (FOOTAGE)

At Surface **NW/NW 773' FNL 459' FWL 547905 X 40.06514**  
At proposed Producing Zone **4435081Y -110.20375**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

**Approximately 13.6 Miles southwest of Myton, UT**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

**Approx 459' f/lse line & 459' f/unit line**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

**Approximately 1032'**

16. NO. OF ACRES IN LEASE

**621.07**

17. NO. OF ACRES ASSIGNED TO THIS WELL

**Approximately 40**

19. PROPOSED DEPTH

**6500'**

20. ROTARY OR CABLE TOOLS

**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

**5976' GL**

22. APPROX. DATE WORK WILL START\*

**2nd Quarter 2004**

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<b>12 1/4</b>	<b>8 5/8</b>	<b>24#</b>	<b>290'</b>	<b>155 sx +/- 10%</b>
<b>7 7/8</b>	<b>5 1/2</b>	<b>15.5#</b>	<b>TD</b>	<b>275 sx lead followed by 450 sx tail</b>
				<b>See Detail Below</b>

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

\*The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:

**SURFACE PIPE** - 155 sx Class G Cement +/- 10%, w/ 2% CaCl<sub>2</sub> & 1/4#/sk Cello-flake  
Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H<sub>2</sub>O Req: 5 gal/sk

**LONG STRING** - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate  
Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H<sub>2</sub>O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate  
Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H<sub>2</sub>O Req: 7.88 gal/sk

24. Name & Signature *Mandie Crozier* Title: Regulatory Specialist

Date

4/21/04

(This space for State use only)

API Number Assigned

43-013-32582

APPROVAL:

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date:

07-19-04

By:

*[Signature]*

\*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.

**ML-43538**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**N/A**

7. UNIT AGREEMENT NAME

**Ashley**

8. FARM OR LEASE NAME

**Ashley**

9. WELL NO.

**Ashley State 4-2-9-15**

10. FIELD AND POOL OR WILDCAT

**Monument Butte**

11. QTR/QTR. SECTION, TOWNSHIP, RANGE, MERIDIAN:

**NW/NW****Sec. 2, T9S, R15E**

12. County

**Duchesne**

13. STATE

**UT**



**CULTURAL RESOURCE INVENTORY OF  
INLAND RESOURCES' 500 ACRES IN  
TOWNSHIP 9S, RANGE 15E, SECTIONS 2 AND 3,  
DUCHESNE COUNTY, UTAH**

by

**Katie Simon  
and  
Keith R. Montgomery**

**Prepared For:**

**State of Utah  
School and Institutional Trust Lands Administration**

and

**Bureau of Land Management  
Vernal Field Office  
Vernal, Utah**

**Prepared Under Contract With:**

**Inland Resources, Inc.  
410 17<sup>th</sup> Street, Suite 700  
Denver, CO 80202**

**Prepared By:**

**Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532**

**MOAC Report NO. 03-83**

**November 11, 2003**

**United States Department of Interior (FLPMA)  
Permit No. 03-UT-60122**

**State of Utah Antiquities Project (Survey)  
Permit No. U-03-MQ-0751b,s**

**RECEIVED  
APR 22 2004  
DIV. OF OIL, GAS & MINING**

## ABSTRACT

In August, 2003, a cultural resource inventory of a 500 acre parcel for well development including access roads and pipelines was performed by Montgomery Archaeological Consultants for Inland Production Company. The project area is situated in the Pleasant Valley region of the Uintah Basin, in the Well's Draw vicinity, and consists of one parcel for block survey. The legal description is T 9S, R 15E, Section 2 and the NW 1/4 and SW 1/4, along with the NE 1/4 and SE 1/4 of the NE 1/4 and the NE 1/4 and SE 1/4 of the SE 1/4 of Section 3. A total of 500 acres were inventoried for cultural resources of which 462 acres are located on public lands administered by the Bureau of Land Management (BLM), Vernal Field Office, and 36.5 acres are on State of Utah School and Institutional Trust Lands Administration land.

The archaeological survey resulted in the documentation of thirteen historic temporary camps (42Dc1624, 42Dc1625, 42Dc1626, 42Dc1627, 42Dc1628, 42Dc1629, 42Dc1630, 42Dc1631, 42Dc1632, 42Dc1633, 42Dc1634, 42Dc1635, and 42Dc1636) and one isolated artifact. These thirteen sites represent temporary range camps having a restricted class of cultural materials. The artifacts present at these sites are dominated by tin cans and bottle glass dating from 1903 to the present. Features are limited to thermally altered rock concentrations or hearths, stove platforms, and depleted wood pile remnants. Additional investigations at these sites would fail to provide information relevant to historic research domains of the area as most sites are limited artifact scatters and all thermal features retain minimal integrity and depth potential. In addition, most sites are limited activity range camps, which are common site types in the area. For these reasons, all thirteen sites are recommended as not eligible to the NHRP.

Base on these findings, determination fo "no historic properties affected" is recommended for this project pursuant to Section 106, CFR 800.

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## INTRODUCTION

In August, 2003, a cultural resource inventory of a 500 acre parcel for well development including access roads and pipelines was performed by Montgomery Archaeological Consultants Inc. (MOAC) for Inland Production Company. The project area is situated in the Pleasant Valley region of the Uintah Basin, in the Well's Draw vicinity, and consists of one parcel for block survey. The legal description is T 9S, R 15E, Section 2 and the NW 1/4 and SW 1/4, along with the NE 1/4 and SE 1/4 of the NE 1/4 and the NE 1/4 and SE 1/4 of the SE 1/4 of Section 3 (Figure 1). A total of 500 acres were inventoried for cultural resources of which 462 acres are located on public lands administered by the Bureau of Land Management (BLM), Vernal Field Office, and 36.5 acres are on State of Utah School and Institutional Trust Lands Administration land.

The objective of the inventory was to locate, document and evaluate any cultural resources within the project area pursuant to a determination of "no effect" to historic properties in accord with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Historic Preservation Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979 and the American Indian Religious Freedom Act of 1978.

The fieldwork was performed between August 8<sup>th</sup> and 19<sup>th</sup> by Keith R. Montgomery, Principal Investigator for Montgomery Archaeological Consultants, aided in the field by Greg Woodall and Eli Jones. The inventory was conducted under the auspices of U.S.D.I. (FLPMA) Permit No. 03-UT-60122 and State of Utah Antiquities Project (Survey) No. U-03-MQ-0751b.

A file search for previous projects and documented cultural resources was conducted by Melissa Elkins at the BLM Vernal Field Office on August 7, 2003 and at the Utah State Historic Preservation Office on August 13, 2003. These consultations indicated that one cultural resource inventory has been conducted within the immediate project area. In August 1984, Grand River Consultants, Inc. conducted a survey for an access road to Wells Draw State 4-2. No cultural resources were found (Hartley 1984). In addition, three archaeological projects have been completed in the vicinity. Montgomery Archaeological Consultants (MOAC) completed a survey for Inland Production Company in 2000, in T 9S, R 15E, Sec. 11. Two historic temporary camps (42Dc1319 is one of these), and one isolated find of artifact were documented (Montgomery and Ball 2000). In July, 2001, a cultural resource inventory of a 534 acre parcel for Inland Production Company's Ashley Unit, T9S, R15E, Sec. 10 and 11 was performed by MOAC. This investigation resulted in the documentation of ten historic temporary camps (42Dc1397, 42Dc1398, 42Dc1399, 42Dc1400, 34Dc1401, 42Dc1402, 42Dc1403, 42Dc1404, 42Dc1405, and 42Dc1406), and a previously recorded historic site (42Dc1319). One of these sites (42Dc1403) was recommended as eligible to the NRHP under Criterion (D) and it was recommended that this site be avoided by development (Elkins and Montgomery 2001). In the fall of 2002, MOAC surveyed yet another group of parcels for Inland including Parcel #9, which is located in the eastern half of Section of 11, T9S, R15E. This parcel's inventory resulted in the documentation of the following two sites: 42Dc1530—an historic temporary camp, and 42Dc1531—an historic trash scatter.

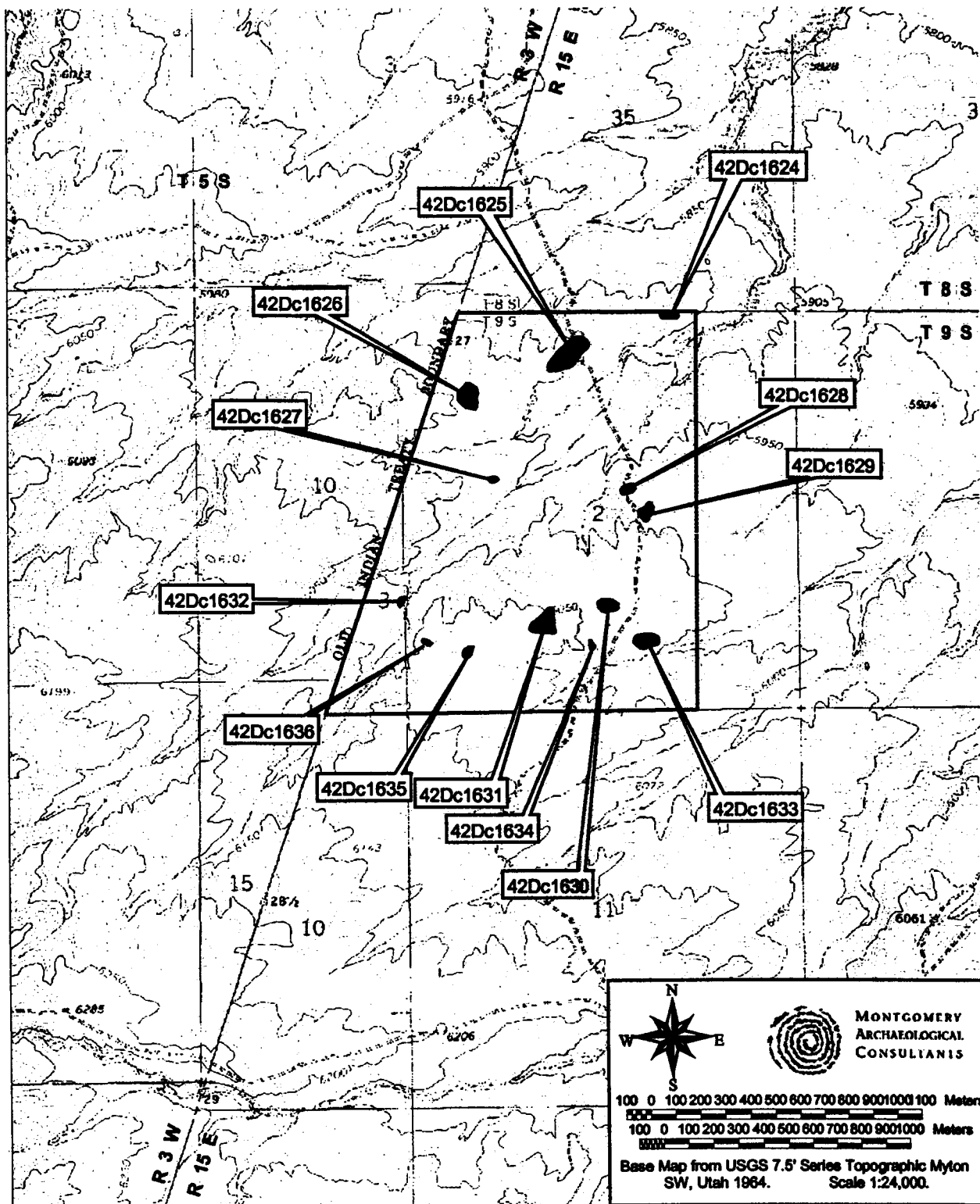


Figure 1. Inventory Area of Inland Resources' 500 Acre Parcel Showing Cultural Resources



## DESCRIPTION OF PROJECT AREA

### Environmental Setting

The project area lies in the Pleasant Valley area of the Uinta Basin, approximately 13 miles south of Myton, Utah. The inventory area consists of a 500 acre parcel, allocated for development of well locations, including access roads and pipelines. The legal description for this parcel is T9S, R15E, Section 2 and the NW 1/4 and SW 1/4, along with the NE 1/4 and SE 1/4 of the NE 1/4 and the NE 1/4 and SE 1/4 of the SE 1/4 of Section 3 (Figure 1). Topographically, this area consists of highly dissected sandstone and mudstone rock formations and broad sandy silt ridges (Stokes 1986). The elevation ranges from 5910 to 6100 asl. Wells Draw, a broad southerly-flowing drainage with sandstone and siltstone rimrock formations to the north and low terraces to the south, lies east of the project area. The project area lies within the Upper Sonoran life zone, dominated by a shadscale community intermixed with Shadscale, small rabbitbrush, galleta grass, blue gamma grass, winter fat, spiny horsebrush, globemallow, prickly pear, greasewood, buckwheat, and sand verben. A riparian zone exists along the washes, and includes cottonwood, Russian olive, cattail, and tamarisk. Modern disturbances to the landscape include well locations, access roads, pipelines, and livestock grazing.

### Cultural Overview

The cultural-chronological sequence represented in the study area includes the Paleoindian, Archaic, Fremont, Protohistoric, and Euro-American stages. The earliest inhabitants of the region are representative of the Paleoindian stage (ca. 12,000-8,000 B.P.). This stage is characterized by the adaptation to terminal Pleistocene environments and by the exploitation of big game fauna. The presence of Paleoindian hunters in the Uinta Basin region is implied by the discovery of Clovis and Folsom fluted points (ca. 12,000 B.P. - 10,000 B.P.), as well as the more recent Plano Complex lanceolate points (ca. 10,000 B.P. - 7,000 B.P.). However, no such artifacts have been recovered in stratigraphic or chronometrically controlled contexts in northeastern Utah.

The Archaic stage (ca. 8,000 B.P. - 1,500 B.P.) is characterized by peoples depending on a foraging subsistence strategy, seasonally exploiting a wide spectrum of plant and animal species in different ecozones. The shift to an Archaic lifeway was marked by the appearance of new projectile point types perhaps reflecting the development of the atlatl in response to a need to pursue smaller and faster game (Holmer 1986). In the Uinta Basin, evidence of widespread Early Archaic exploitation is relatively sparse compared to the subsequent Middle and Late Archaic periods. Early Archaic (ca. 6000-3000 B.C.) sites in the basin include sand dune sites and rockshelters clustered mainly in the lower White River drainage as well as along the Green River in the Browns Park and Flaming Gorge (Spangler 1995:373). Projectile points recovered from Uinta Basin contexts include Pinto Series, Humboldt, Elko Series, Northern Side-notched, Hawken Side-notched, Sudden Side-notched and Rocker Base Side-notched points. Excavated sites in the area with Early Archaic components include Deluge Shelter in Dinosaur National Monument, and open campsites along the Green River and on the Diamond Mountain plateau (Spangler 1995:374). The Middle Archaic period (ca. 3000-500 B.C.) is characterized by improved climatic conditions and increased human populations on the northern Colorado Plateau. Several stratified Middle Archaic

sites have been excavated and dozens of sites have been documented in the Uinta Basin. Middle Archaic sites in the area reflect cultural influences from the Plains, although a Great Basin and/or northern Colorado Plateau influence is represented in the continuation of the Elko Series projectile points. Subsistence data from Middle Archaic components indicate gathering and processing of plants as well as faunal exploitation (e.g., mule deer, antelope, bighorn sheep, cottontail rabbit, muskrat, prairie dog, beaver and birds). The Late Archaic period (ca. 500 B.C.-A.D. 550) in the Uinta Basin is distinguished by the continuation of Elko Series atlatl points with the addition of semi-subterranean residential structures at base camps. By about A.D. 100, maize horticulture and Rose Springs arrow points had been added to the Archaic lifeway. In the Uinta Basin, the earliest evidence of Late Archaic architecture occurs at the Cocklebur Wash Site (42Un1476) where a temporary structure, probably a brush shelter, yielded a date of 316 B.C. The structure was probably associated with seasonal procurement of wild floral resources gathered along Cliff Creek.

The Formative stage (A.D. 500-1300) is recognized in the area by the Uinta Fremont as first termed by Marwitt (1970). This stage is characterized by reliance upon domesticated corn and squash, increasing sedentism, and in its later periods, substantial habitation structures, pottery, and bow and arrow weapon technology. Based on the evidence from Caldwell Village, Boundary Village, Deluge Shelter, Mantles Cave and others, the temporal range of the Uinta Fremont appears to be from A.D. 650 to 950. This variant is characterized by shallow, saucer-shaped pithouse surface structures with randomly placed postholes and off-center firepits, some of which were adobe-rimmed. Traits considered unique or predominate to the Uinta Basin include calcite-tempered pottery, two-handled wide-mouth vessels, Utah type metates, the use of gilsonite for pottery repair, settlement on tops of buttes and large-shouldered bifaces (Shields 1970).

Archaeological evidence suggests that Numic peoples appeared in east-central Utah at approximately A.D. 1100 or shortly before the disappearance of Formative-stage peoples (Reed 1994). The archaeological remains of Numic-speaking Utes consist primarily of lithic scatters with low quantities of brown ware ceramics, rock art, and occasional wickiups. The brown ware ceramics appear to be the most reliable indicator of cultural affiliation, as Desert Side-notched and Cottonwood Triangular points were manufactured by other cultural groups beside the Ute (Horn, Reed, and Chandler 1994:130). The Ute appear to have been hunter and gatherers exploiting various fauna and flora resources. According to macrobotanical and faunal data from dated components deer, elk, pronghorn, bison, and small game were acquired (Reed 1994:191). Plant materials thought to have been exploited for food include goosefoot, grass seeds, pinyon nuts, juniper berries, squawbush berries and leaves, hackberry seeds and possibly saltbush seeds, knotweed, chokecherry, and chickweed (Ibid 191).

The cultural history of the Eastern Ute, comprising the bands living east of the Green River, has been divided into four phases (Reed 1988). The earliest and most tenuous phase is the Chipeta Phase, dated between ca. 1250 and 1400. Diagnostic artifacts include Desert Side-notched, Cottonwood Triangular, and small corner-notched arrow points and possibly Shoshonean knives. The Canalla phase (ca. A.D. 1400-1650) designates the period between the appearance of well-dated Uncompahgre brown ware ceramics and the adoption of an equestrian lifeway. Diagnostic artifacts include Uncompahgre Brown Ware ceramics, Desert Side-notched and Cottonwood Triangular points, and Shoshonean knives. The pedestrian hunter and gatherers probably lived in wickiups. Near the end of the phase, some groups may have obtained trade items from Spanish settlements in New Mexico (Horn, Reed, and Chandler 1994:131). The Antero phase (ca. A.D. 1650-1881) represents a shift to a fully equestrian lifestyle and integration of

Euroamerican trade goods into Ute material culture. The horse permitted hunting of bison on the Plains and led to an increase in the importance of raiding for economic gain (Ibid 131). Euroamerican trade goods became important, and tepees as well as wickiups were inhabited. The early Utes in Uintah County were Uinta-ats, a small band of a few hundred members (Burton 1996:20). In pre-horse days, Ute family groups lived largely independently of others with key gathering, hunting, and fishing sites being communal and granted to all, within both the local and extralocal Ute communities (Ibid 340). According to Smith's (1974) informants both deer and buffalo were important game for the White River Ute band. Before the buffalo became extinct in the Uintah Basin in the 1830s, the Ute would make trips northeast of Fort Bridger in the vicinity of what is now Rock Springs and Green River, Wyoming using the horse to surround and drive the buffalo over a precipice (Callaway, Janetski, and Stewart 1986; Smith 1974). All Ute groups made tripod or conical houses with a three or four-pole foundation and a circular ground plan some 10 to 15 feet in diameter with covering brush or bark.

The first Euro-Americans in the Uinta Basin were Spanish missionaries, traveling between Santa Fe, New Mexico up through western Colorado, towards the Utah Valley, and on to California. In 1776, under the leadership of Fray Francisco Atanasio Dominguez and Fray Silvestre Velez de Escalante, the Spanish commenced to explore a northern route from Santa Fe to the garrison of Monterey on the California coast (Spangler et al. 1995). Euro-American traders were another early factor in the history of the Uinta Basin. Some of these were Spaniards, who continued to visit the region until the Mexican war of independence in 1821, when most Spanish were expelled from the Southwest. It was the beaver trade in the early part of the nineteenth century, that cemented trade with Ute and Shoshone in the area, and resulted in the establishment of trading posts along the major rivers in the area, including the Duchesne, Green, and Uinta (Spangler et al. 1995).

The settlement of the Uinta Basin differs from that of much of Utah in that early settlement in the area occurred around Indian "agencies" assigned to the Uinta and Ouray Reservations, rather than under the direction of the Mormon church (Spangler et al. 1995). These agencies consisted of cabins and a trading post with farms cropping up around the agency, and were directed by a government Indian agent. The first agency was constructed at the mouth of Daniels Canyon in 1864, and was moved several times before 1868. The Mormon church, under Brigham Young consigned survey parties to the Uinta Basin in the early 1860s, determining that the land was not very suitable for cultivation. For this reason, Mormon occupation of the area occurred later than in many parts of the state. By 1876, only a handful of ranchers, had settled the area, to be joined that year by a group of Mormons. They formed a settlement around the ranch of Pardon Dodds, an Indian agent, located in Dry Fork Canyon; later to become known as Old Ashley Town (Burton 1996). Another small group of Mormon settlers arrived in 1878, camping near the confluence of Ashley Creek, and naming their settlement Incline. In 1878, additional Mormon settlers ventured into the area; locating near what is today Vernal. With agrarian pursuits being the focus of the majority of the Mormon communities in the region, water became a leading priority. In 1880 the Rock Point Canal and Irrigation Company built a six-mile long canal from the mouth of Ashley Canyon to various homesteads in the region. The Ashley Upper Irrigation Canal was constructed in 1880 with the purpose of yielding water from the Ashley Creek to Bingham Corner. Settlement increased rapidly, and many different water projects were initiated. Most of the canals and reservoirs in the region were built after 1905 by the Uintah Irrigation Project and the Dry Gulch Irrigation Company (Spangler et al. 1995).

## SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. The 500 acre parcel was examined for cultural resources by the archaeologists walking parallel transects spaced no more than 15 m apart. Ground visibility was considered good. A total of 500 acres were inventoried for cultural resources of which 462 acres are located on public lands administered by the Bureau of Land Management (BLM), Vernal Field Office, and 36.5 acres are on State of Utah School and Institutional Trust Lands Administration land.

Cultural resources were recorded as an archaeological site or isolated find of artifacts. Archaeological sites were defined as spatially definable areas with features and/or ten or more artifacts. Sites were documented by the archaeologists walking transects across the site, spaced no more than 3 m apart, and marking the locations of cultural materials with pinflags. This procedure allowed clear definition of site boundaries and artifact concentrations. At the completion of the surface inspection, a Trimble Geo XT Global Positioning System (GPS) and/or a Brunton compass was employed to point-provenience diagnostic artifacts and other relevant features in reference to the site datum, a steel rebar stamped with a temporary site number. Archaeological sites were plotted on a 7.5' USGS quadrangle, photographed, with site data entered on an Inter-mountain Antiquities Computer System (IMACS, 1990 version) inventory form (Appendix A). Isolated finds are defined as individual artifacts or light scatter of items, which lack sufficient material culture to warrant IMACS forms, or to derive interpretation of human behavior in a cultural and temporal context. No isolated artifacts were found during the cultural inventory for this project.

## INVENTORY RESULTS

The archaeological survey resulted in the documentation of thirteen historic temporary camps (42Dc1624, 42Dc1625, 42Dc1626, 42Dc1627, 42Dc1628, 42Dc1629, 42Dc1630, 42Dc1631, 42Dc1632, 42Dc1633, 42Dc1634, 42Dc1635, and 42Dc1636) and the recordation of one isolated find (IF-A).

### Archaeological Sites

Smithsonian Site No.: 42Dc1624

Temporary Site No.: 03-83-12

Eligibility: Not Eligible

Description: This is a temporary historic range camp situated on a finger ridge overlooking a major drainage. It measures 80 by 20 meters (1257 sq. m). The site consists of one wood pile feature and an artifact scatter including one sanitary can, two matchstick filler cans (ca. 1935-1945 and 1915-1930), a rifle cartridge with "REM\_UMC 30-30", two hay bail wire pieces, and one tobacco tin.

Smithsonian Site No.: 42Dc1625

Temporary Site No.: 03-83-14

Eligibility: Not Eligible

Description: This is a temporary historic camp situated on a narrow ridge with drainages bordering it to the north and south. It measures 180 by 90 meters (12723 sq. m) and consists of two wood pile features and one stove platform feature along with an artifact scatter. The artifact scatter includes 13 matchstick filler cans with dates ranging from 1915-1975, 15 non-diagnostic sanitary commodity cans, two spice cans, eight external friction, vertical pocket tobacco tins, one lid fragment, 12 can fragments, one screw-top jar lid, one enamel plate, one metal buckle, a harness, and three galvanized washtub fragments.

Smithsonian Site No.: 42Dc1626

Temporary Site No.: 03-83-11

Eligibility: Not Eligible

Description: This is a short-term range camp situated on a dissected ridge line and is composed of an artifact scatter and two wood pile features. The site measures 40 by 20 (628 sq. m). Artifacts include one purple medicine bottle, eight matchstick filler cans, six hole-in-cap cans, and five sanitary cans. These cans date from 1903 (1 1/16" dia. cap hole-in-cap) to 1975 (3 15/16" tall matchstick filler). There are two external friction, wire hinged lid tobacco tins, one external friction baking powder lid (2 5/16 dia.), lard bucket, one external friction 6" dia. coffee can lid, four tin can fragments, and three hay bail wire fragments.

Smithsonian Site No.: 42Dc1627

Temporary Site No.: 03-83-9

Eligibility: Not Eligible

Description: This is a temporary historic range camp situated below a ridge and on a gently sloping bench overlooking a drainage. It measures 25 by 20 meters (393 sq.m). The site consists of one sanitary can, two matchstick filler "Punch Here" cans (ca. 1935-1945), and one wood pile feature (F1).

**Smithsonian Site No.:** 42Dc1628  
**Temporary Site No.:** 03-83-8  
**Eligibility:** Not Eligible

**Description:** This is a temporary historic range camp situated on a low ridge top area with three small drainages. It measures 40 by 60 (1885 sq. m) and consists of deteriorated wood pile feature (F1) and an artifact scatter that includes one sanitary can, one matchstick filler can, 11 can fragment, six pieces of bailing wire, one leather fragment, and one unmarked crown bottle cap. This site is located approximately 30 meters northwest of 42Gr1629, a historic artifact scatter.

**Smithsonian Site No.:** 42Dc1629  
**Temporary Site No.:** 03-83-7  
**Eligibility:** Not Eligible

**Description:** This site is situated on a ridge top area and consists of an historic artifact scatter six milk cans embossed with "Punch Here," two tobacco tins, two sanitary cans, a coffee can, one spice can, and wood fragments from a broken crate, and a broom handle. The site measures 40 by 80 meters (2513 sq. m).

**Smithsonian Site No.:** 42Dc1630  
**Temporary Site No.:** 03-83-5  
**Eligibility:** Not Eligible

**Description:** This site is situated in a an area of low dissected ridges and consists of approximately 35 historic trash items and the remains of a wood pile (F1). It measures 80 by 50 meters (3146 sq. m). Observed artifacts include 15 fragments of a clear jar, two lantern glass fragments, one hay bale wire tie, two pry out friction can lids, one crimped seam can with an internal friction lid, two shirt pocket tobacco tins (wire hinge/cap over type), one sanitary can and eleven milk cans. The occupation appears to date between 1910 and 1921.

**Smithsonian Site No.:** 42Dc1631  
**Temporary Site No.:** 03-83-4  
**Eligibility:** Not Eligible

**Description:** This is a range camp situated on a low dissected ridge on flat bench lands and consists of a small historic artifact scatter and four features. It measures 120 by 60 meters (5655 sq. m). The features consist of one wood pile (F1), one stone stove platform (F4), and a small and a large deflated hearth. The artifact scatter includes 21 milk cans (five of which are "Punch Here" embossed milk cans), seven sanitary food cans, 14 wire ties (hay bale), metal strap fragment, metal button ("HAWK BRAND" with embossed bird figure), a sanitary can lid, two galvanized wash tub fragments, 30 clear glass fragments, five tobacco tins (shirt pocket, wire hinge with cap over), metal buckle/slider, three horseshoe nails, galvanized wash tub ("3"), galvanized wash tub (no embossing), two suspender strap clasps, and wood chips. The site is assessed to date between 1915 and 1945.

**Smithsonian Site No.:** 42Dc1632  
**Temporary Site No.:** 03-83-6  
**Eligibility:** Not Eligible

**Description:** This is a limited activity historic site situated on a small bench in a drainage in the Uinta Basin. It measures 20 by 40 m (628 sq. m) and consists of an artifact scatter of eight hole-in-cap, four sanitary cans, one cut around lid and a 30 cm. long wood chunk. The 4 6/16" tall, 1" cap diameter milk can dates between 1903 and 1914.

**Smithsonian Site No.:** 42Dc1633  
**Temporary Site No.:** 03-83-10  
**Eligibility:** Not Eligible

**Description:** This site is a temporary historic camp situated on a low ridge. It measures 40 by 20 meters (628 sq. m). The site consists of an artifact scatter including 15 sanitary cans, 15 matchstick filler cans, one hole-in-cap milk can, one lard bucket and various lids. The earliest and latest dates for the can scatter and the entire site are 1903 (hole-in-cap) and 1970 (matchstick filler 3 15/16) based on milk can chronology. All other diagnostics fall between these with the majority of milk cans and both glass bottles dating 1933-1970 with overlapping dates of 1935-1945. Exceptions are the hole-in-cap can and one milk can, which fall outside this period at 1903-1908 and 1915-1930 respectively. There is one clear glass liquor bottle (ca. 1933-1954), and four clear glass jug fragments (ca. 1940). Other artifacts include three bailing wire fragments, a harness rigging fragment (chain links and leather), rubber tire fragments, and two galvanized wash tubs. Five features were observed including three wood piles (F1, F2, and F4) of varying sizes and two stove platform features (F2 and F5) of thermally altered, local sandstone slabs. No surficial soil staining or charcoal was observed in F2 or F5. Stove platform F3 and wood pile F4 are situated near each other near the center of the site area.

**Smithsonian Site No.:** 42Dc1634  
**Temporary Site No.:** 03-83-1  
**Eligibility:** Not Eligible

**Description:** This is a limited activity range camp situated on a low dissected ridge among flat bench lands and consists of a small historic artifact scatter and possible hearth area. It measures 20 by 40 meters (628 sq. m). Artifacts consists of one 1915-1930 milk can and a purple glass fragment.

**Smithsonian Site No.:** 42Dc1635  
**Temporary Site No.:** 03-83-2  
**Eligibility:** Not Eligible

**Description:** This is a temporary range camp located on a broad, flat ridge top and consists of a small historic artifact scatter and wood pile feature. The site measures 30 by 52 meters (1225 sq. m). Artifacts include two matchstick filler milk cans, one of which is a 1935-1945 "Punch Here" embossed can.

**Smithsonian Site No.:** 42Dc1636  
**Temporary Site No.:** 03-83-3  
**Eligibility:** Not Eligible

**Description:** This is a limited activity range camp situated on a flat ridge overlooking several drainages. It measures 20 by 10 meters (157 sq. m) and consists of one milk can, one hay bale wire and tie, and a wood pile feature. The occupation appears to date between 1930 and 1975.

### Isolated Find of Artifact

The Isolated Find A (IF-A) is located in the NE/SW/SW of Section 2, T9S, R15E; UTM 567826E/4433982N. It is a brown opaque chert knife base fragment with black inclusions in the material (4.3 x 3.2 x 0.6 cm).

### NATIONAL REGISTER OF HISTORIC PLACES EVALUATION

The National Register Criteria for Evaluation of Significance and procedures for nominating cultural resources to the National Register of Historic Places (NRHP) are outlined in 36 CFR 60.4 as follows:

The quality of significance in American history, architecture, archaeology, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, material, workmanship, feeling, and association, and that they:

- a)...are associated with events that have made a significant contribution to the broad patterns of our history; or
- b)...are associated with the lives of persons significant to our past; or
- c)...embody the distinctive characteristics of a type, period, or method of construction; or that represents the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- d)...have yielded or may be likely to yield information important in prehistory or history.

The thirteen sites (42Dc1624, 42Dc1625, 42Dc1626, 42Dc1627, 42Dc1628, 42Dc1629, 42Dc1630, 42Dc1631, 42Dc1632, 42Dc1633, 42Dc1634, 42Dc1635, and 42Dc1636) represent temporary range camps having a restricted class of cultural materials. The diagnostic artifacts present at these sites are dominated by tin cans and bottle glass dating from 1903 to the present. Features are limited to thermally altered rock concentrations or hearths, stove platforms, and depleted wood pile remnants. Additional investigations at these sites would fail to provide information relevant to historic research domains of the area as most sites are limited artifact scatters and all thermal features retain minimal integrity and depth potential. In addition, most sites are limited activity range camps, which are common site types in the area. For these reasons, all thirteen sites are recommended as not eligible to the NHRP.



Table 1. Cultural Resources and NRHP Assessment

Site Number	Legal Description	Site Type	NRHP Assessment
42Dc1624	NE/NW/NE of Sec. 2, T9S, R15E	Temporary Camp	Not Eligible
42Dc1625	NE/NE/NW of Sec. 2, T9S, R15E	Temporary Camp	Not Eligible
42Dc1626	SE/NW/NW of Sec. 2, T9S, R15E	Temporary Camp	Not Eligible
42Dc1627	SE/SW/NW of Sec. 2, T9S, R15E	Temporary Camp	Not Eligible
42Dc1628	SW/SW/NE of Sec. 2, T9S, R15E	Temporary Camp	Not Eligible
42Dc1629	SE/SW/NE, SW/SW/NE, NW/NW/SE, NE/NW/SE of Sec. 2, T9S, R15E	Can Scatter	Not Eligible
42Dc1630	SW/NW/SE of Sec. 2, T9S, R15E	Temporary Camp	Not Eligible
42Dc1631	NW/SE/SW of Sec. 2, T9S, R15E	Temporary Camp	Not Eligible
42Dc1632	SE/NE/SE of Sec. 3, T9S, R15E	Can Scatter	Not Eligible
42Dc1633	NW/SE/SW of Sec. 2, T9S, R15E	Temporary Camp	Not Eligible
42Dc1634	SE/SW/SE, NW/SW/SE of Sec. 2, T9S, R15E	Temporary Camp	Not Eligible
42Dc1635	NE/SW/SW of Sec. 2, T9S, R15E	Temporary Camp	Not Eligible
42Dc1636	NW/SW/SW of Sec. 2, T9S, R15E	Temporary Camp	Not Eligible

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**APPENDIX A**

**INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM (IMACS)  
SITE INVENTORY FORMS**

**On File At:**

**Utah Division of State History  
Salt Lake City, Utah**

**and**

**U.S. Bureau of Land Management  
Vernal Field Office**

INLAND PRODUCTION COMPANY  
ASHLEY STATE 4-2-9-15  
NW/NW SECTION 2, T9S, R15E  
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0 – 1700'
Green River	1700'
Wasatch	6500'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1700' – 6500' – Oil

4. **PROPOSED CASING PROGRAM:**

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at 290' (New)

Production Casing: 5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

The well will be drilled with air mist system to 3200', then from 3200' +/- to TD a fresh water/polymer system will be utilized. If necessary, to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. This fresh water system typically will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride nor chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

**AIR DRILLING**

In the event that the proposed location is to be "Air Drilled", Inland requests a variance to regulations requiring a straight run blooie line. Inland proposes that the flowline will contain two (2) 90-degree turns. Inland also requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. Inland requests authorization to ignite as needed, and the flowline at 80'.

Inland Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

**MUD PROGRAM**

Surface – 3200’  
3200’ – TD’

**MUD TYPE**

fresh water or air/mist system  
fresh water system

From surface to  $\pm$  3200 feet will be drilled with either fresh water or an air/mist system, depending on the drilling contractor's preference. From about 3200 feet, or in the case of the air/mist system when hole conditions dictate, to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCL substitute additive. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. No chromate additives will be used in the mud system.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 290’ +/-, and a Compensated Neutron-Formation Density Log from TD to 3500’ +/- . A cement bond log will be run from PBDT to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; or that any other abnormal hazards such as H<sub>2</sub>S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the second quarter of 2004, and take approximately seven (7) days from spud to rig release.

INLAND PRODUCTION COMPANY  
ASHLEY STATE 4-2-9-15  
NW/NW SECTION 2, T9S, R15E  
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map "A"**

To reach Inland Production Company well location site Ashley State 4-2-9-15 located in the NW¼ NW¼ Section 2, T9S, R15E, S.L.B. & M., Duchesne County, Utah:

Proceed in a southwesterly direction out of Myton, Utah along Highway 40 approximately 1.6 miles to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 approximately 1.8 miles to its junction with State Highway 216, proceed in a southwesterly direction for another 8.6 miles to its junction with an existing road to the north; proceed northwesterly approximately 0.6 miles to its junction with an existing road to the west; proceed southwesterly approximately 1.0 miles to its junction with the beginning of a two track road to be upgraded; proceed northwesterly along the this road approximately 4050' to its junction with the beginning of the proposed access road to the north; proceed northerly along the proposed access road approximately 450' to the proposed well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

Approximately 450' of access road is proposed. See attached **Topographic Map "B"**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B**.

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

It is anticipated that this well will be a producing oil well.

There will not be a tank battery at this location. A Central Battery will be located at the proposed Ashley State 10-2-9-15 location.

The Flow Lines from this well will run along access roads leading to the Central Battery located at the proposed Ashley State 10-2-9-15 location. **See attached Topographic Map "D"**.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Fresh water purchased from the Johnson Water District will be used for drilling. A temporary poly pipeline may be used for water transportation from our existing supply line from Johnson Water District, or trucked from Inland Production Company's injection facilities – **EXHIBIT A**.

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Inland requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.



Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

**Fencing Requirements**

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** State of Utah

12. **OTHER ADDITIONAL INFORMATION:**

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

**The Archaeological Cultural Resource Survey for this area is attached.**

#### **Additional Surface Stipulations**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

#### **Hazardous Material Declaration**

Inland Production Company guarantees that during the drilling and completion of the Ashley State 4-2-9-15, Inland will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Ashley State 4-2-9-15 Inland will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

Name: Brad Mecham  
Address: Inland Production Company  
Route 3, Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

Certification

Please be advised that INLAND RESOURCES, INC. is considered to be the operator of well #4-2-9-15, NW/NW Section 2, T9S, R15E, LEASE #ML-43538, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4471291.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

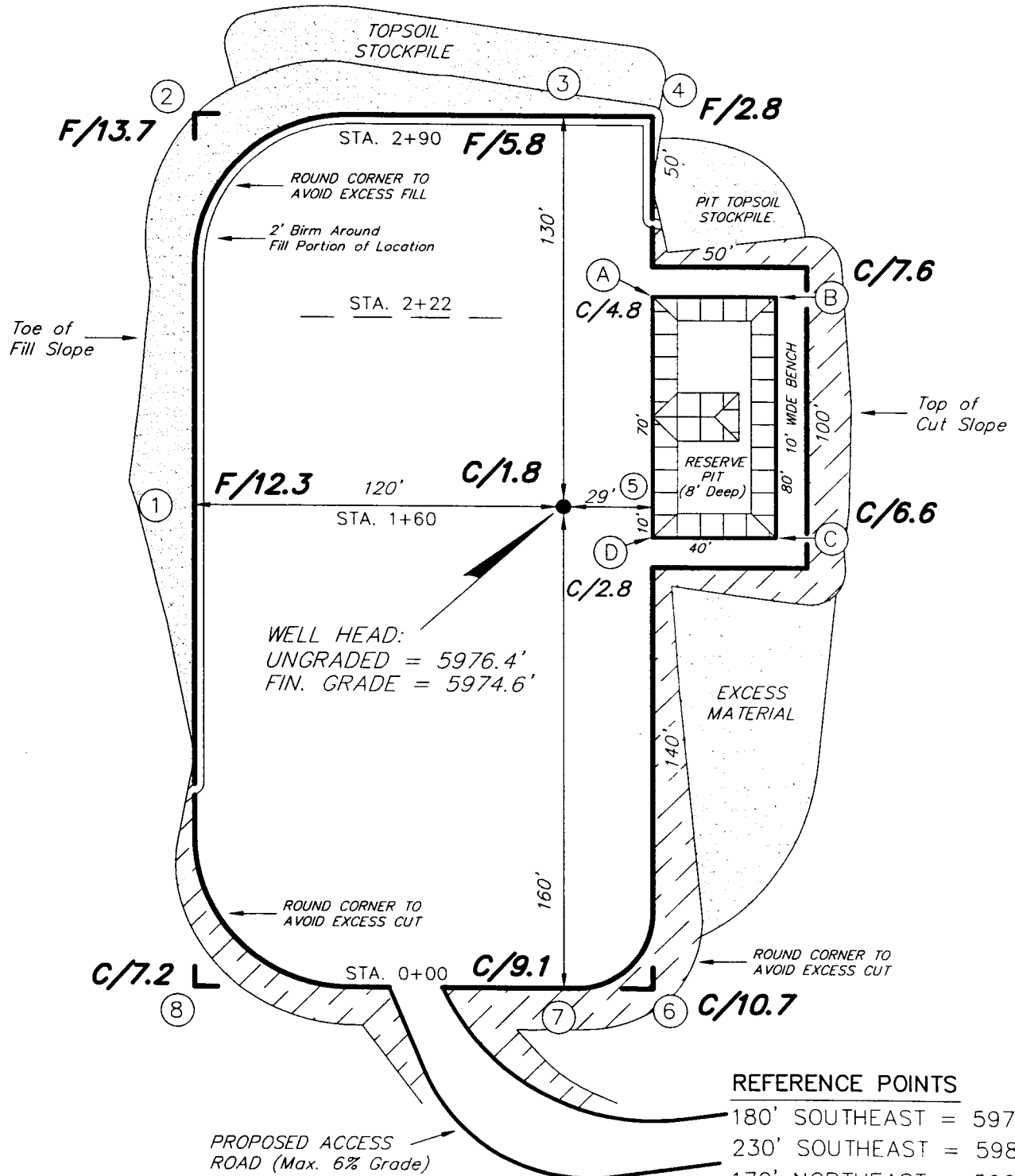
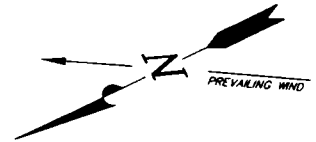
4/21/04  
Date

Mandie Crozier  
Mandie Crozier  
Regulatory Specialist  
Inland Production Company

# INLAND PRODUCTION COMPANY

## ASHLEY UNIT 4-2

Section 2, T9S, R15E, S.L.B.&M.



### REFERENCE POINTS

180' SOUTHEAST = 5974.1'  
 230' SOUTHEAST = 5980.6'  
 170' NORTHEAST = 5961.4'  
 220' NORTHEAST = 5960.2'

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 3-30-04

**Tri State**  
 Land Surveying, Inc.

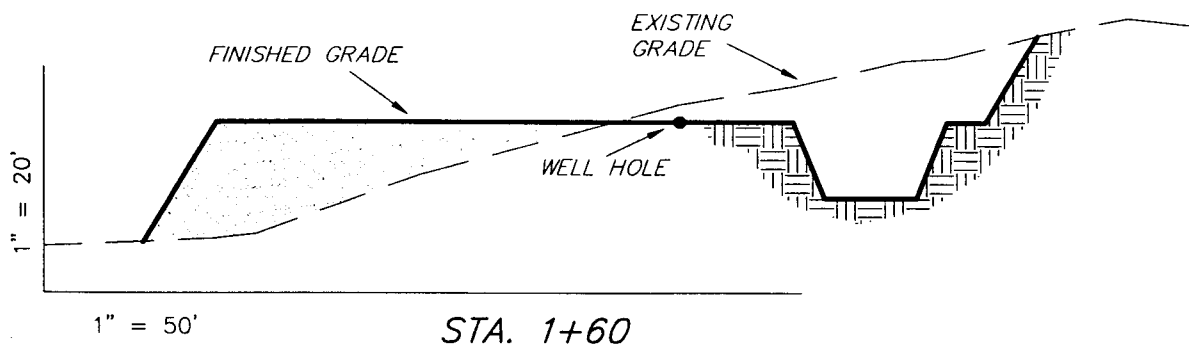
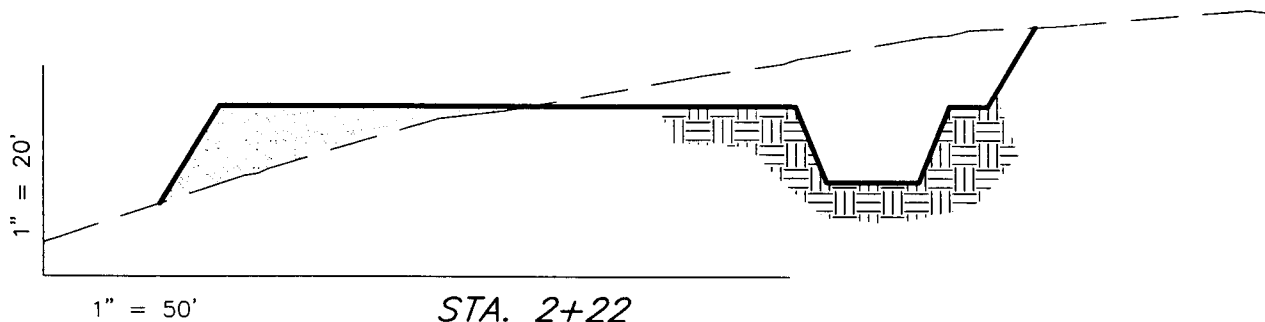
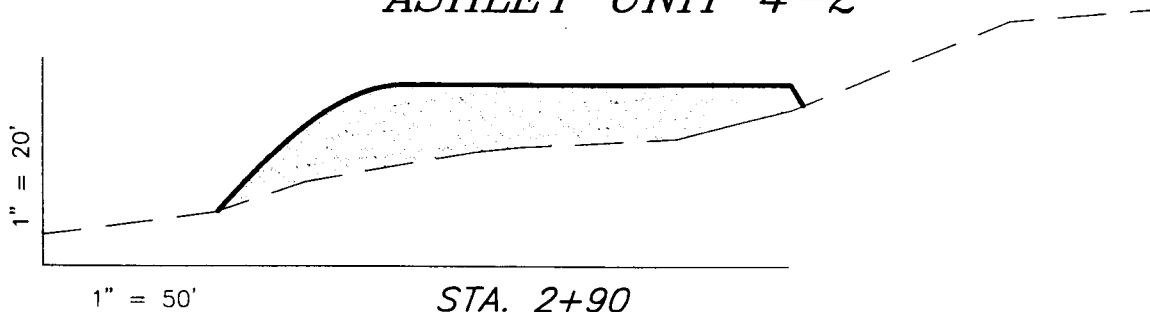
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# INLAND PRODUCTION COMPANY

## CROSS SECTIONS

### ASHLEY UNIT 4-2



NOTE:  
UNLESS OTHERWISE NOTED  
ALL CUT/FILL SLOPES ARE  
AT 1.5:1

#### ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	4,570	4,570	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	5,210	4,570	890	640

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

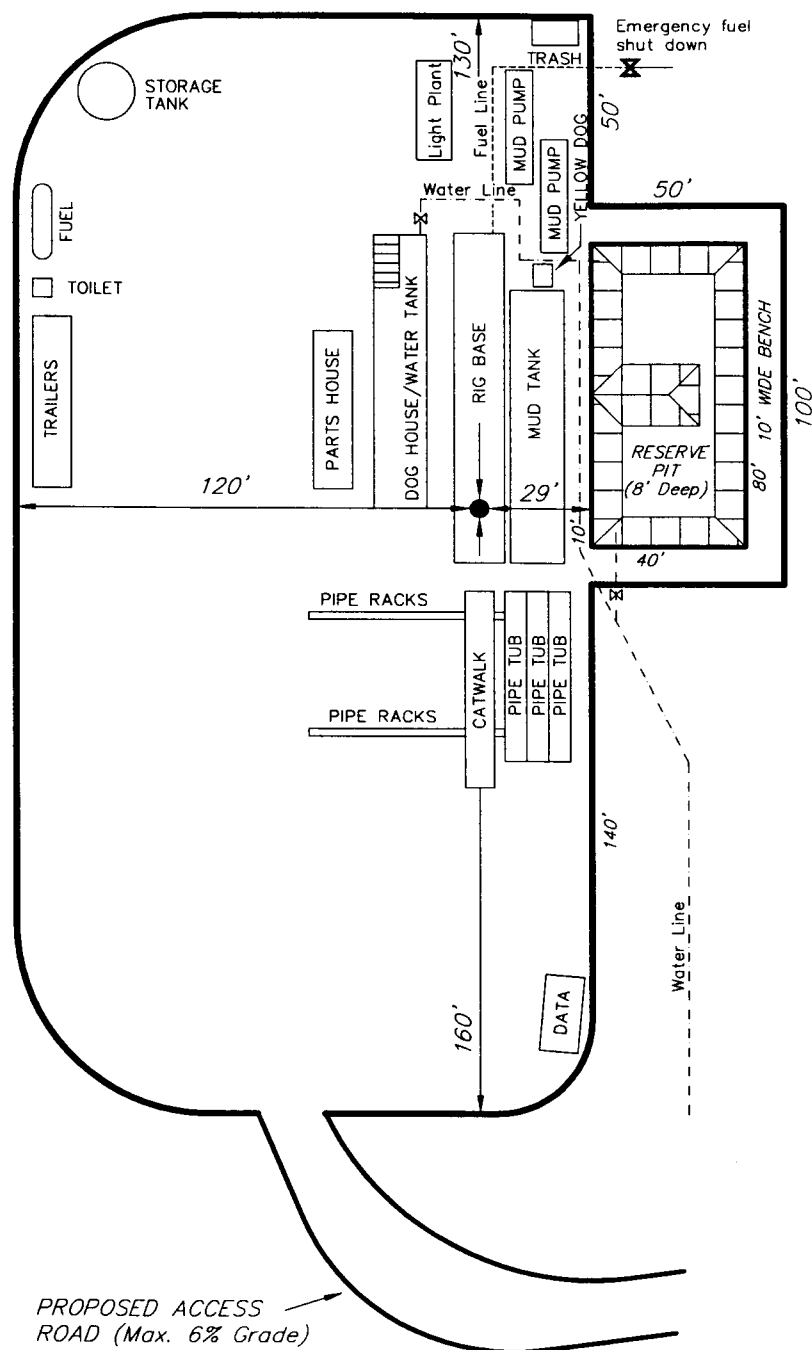
DATE: 3-30-04

**Tri State**  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### ASHLEY UNIT 4-2



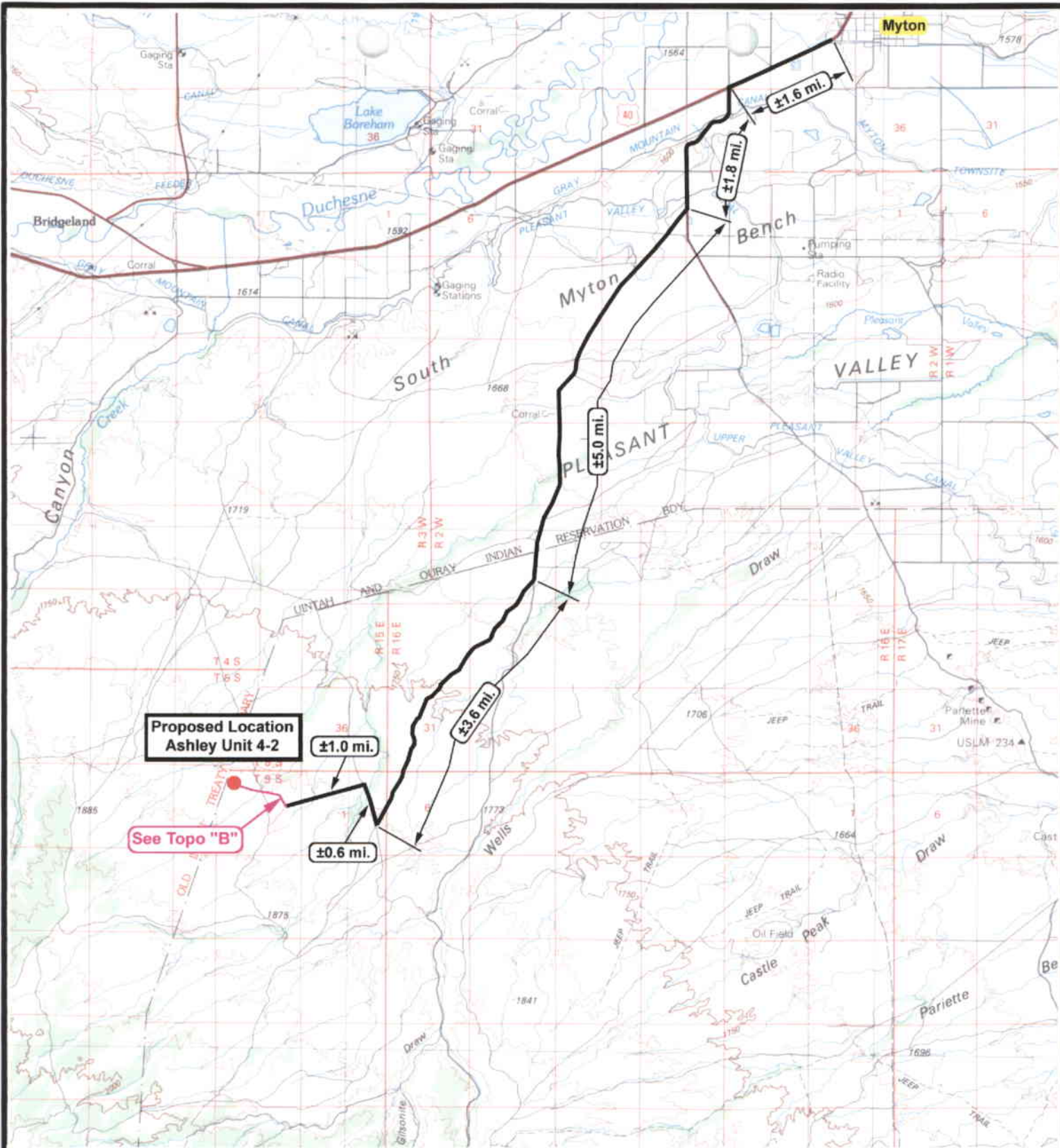
SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 3-30-04

**Tri State**  
Land Surveying, Inc.  
(435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078



**Ashley Unit 4-2**  
**SEC. 2, T9S, R15E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

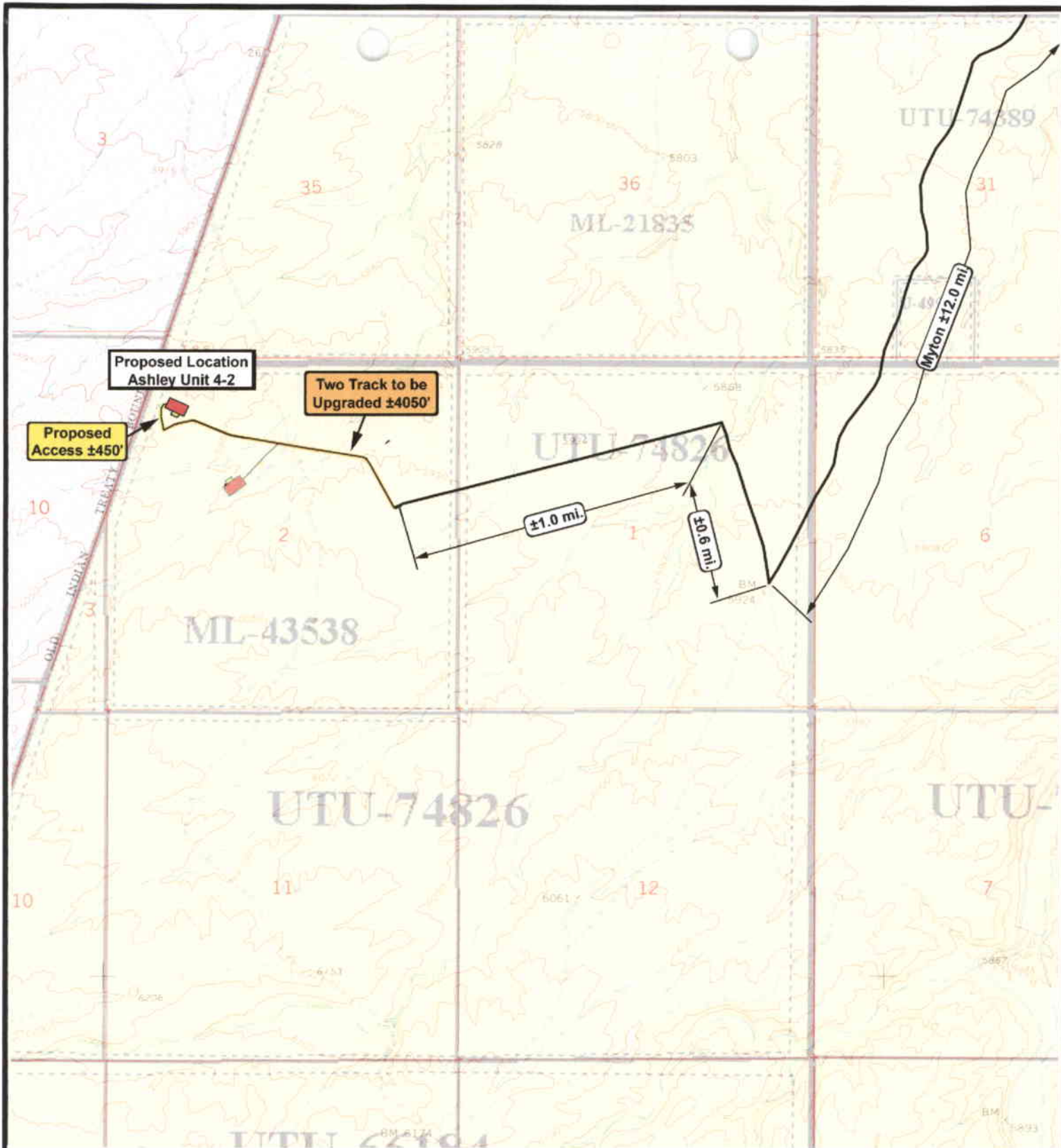
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 DRAWN BY: L.C.S.  
 DATE: 04-14-2004

**Legend**  
 — Existing Road  
 — Proposed Access

TOPOGRAPHIC MAP

**"A"**





**Ashley Unit 4-2**  
**SEC. 2, T9S, R15E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
 DRAWN BY: L.C.S.  
 DATE: 04-14-2004

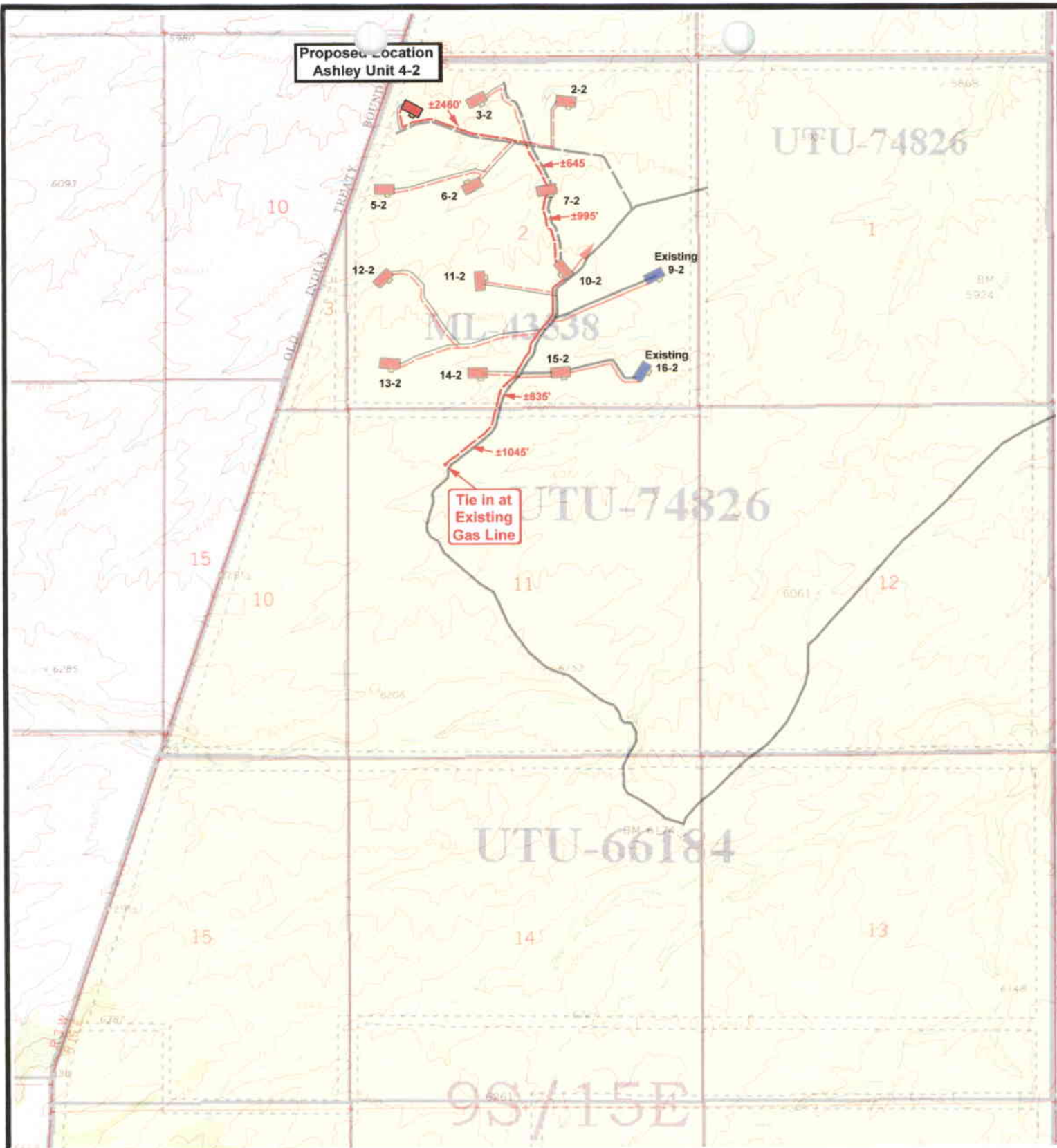
**Legend**

- Existing Road
- Proposed Access
- Two Track

TOPOGRAPHIC MAP

**"B"**





**Ashley Unit 4-2**  
**SEC. 2, T9S, R15E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

**SCALE: 1" = 2,000'**  
**DRAWN BY: bgm**  
**DATE: 04-14-2004**

**Legend**

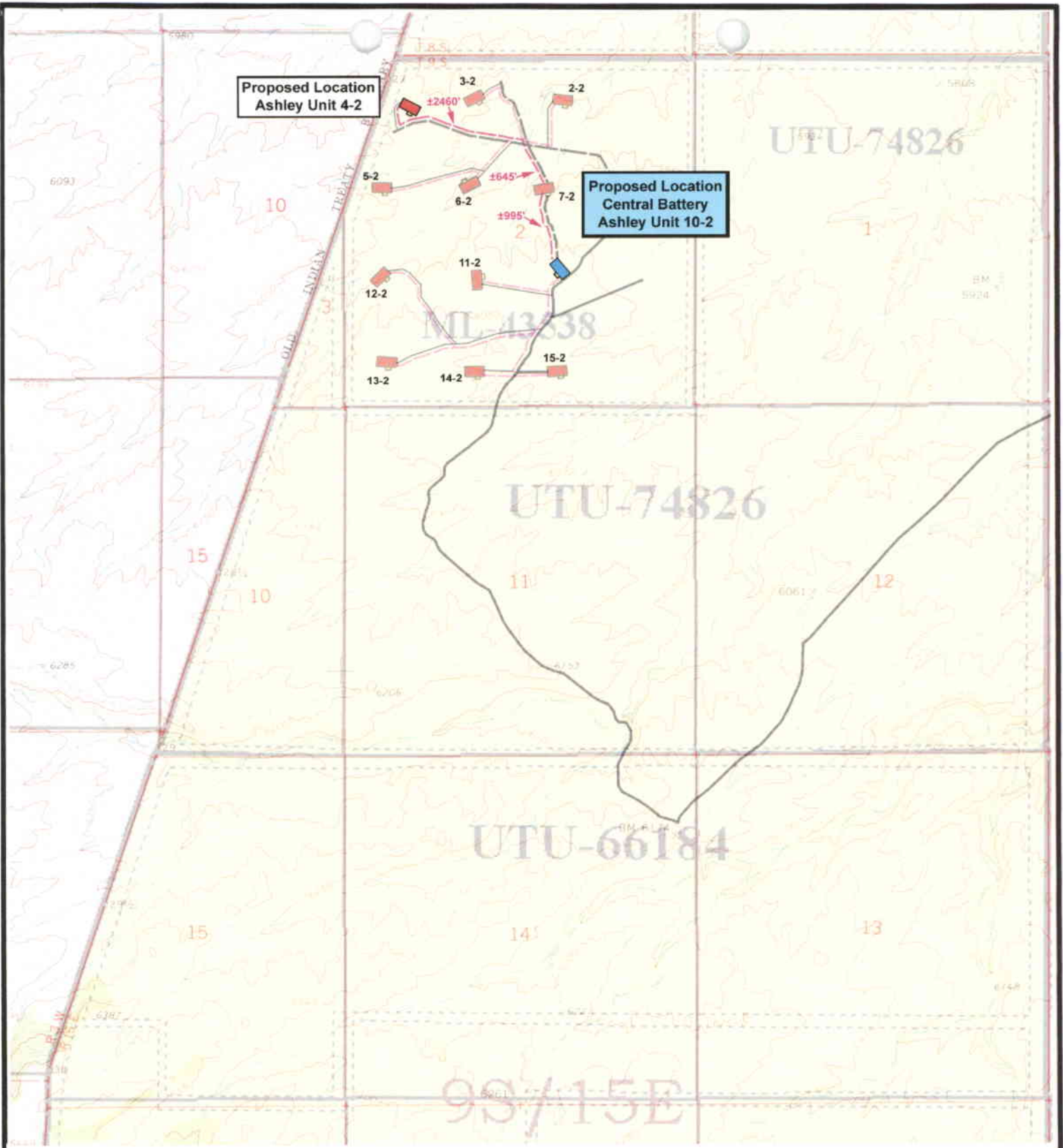
- Roads
- Existing Gas Line
- Proposed Gas Line

**TOPOGRAPHIC MAP**

**"C"**

Proposed Location  
Ashley Unit 4-2

Proposed Location  
Central Battery  
Ashley Unit 10-2



**Ashley Unit 4-2**  
**SEC. 2, T9S, R15E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

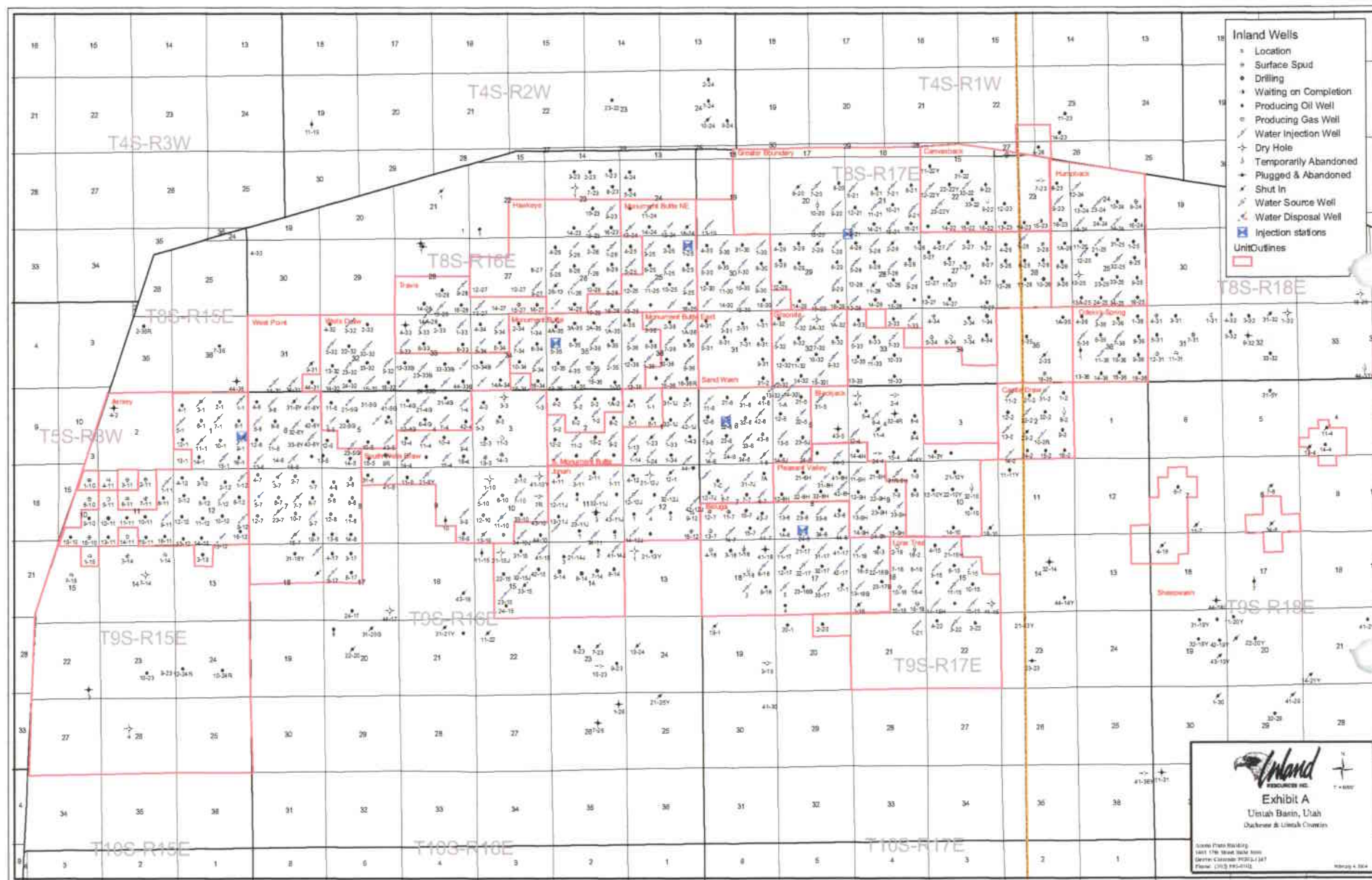
SCALE: 1" = 2,000'  
DRAWN BY: bgm  
DATE: 04-16-2004

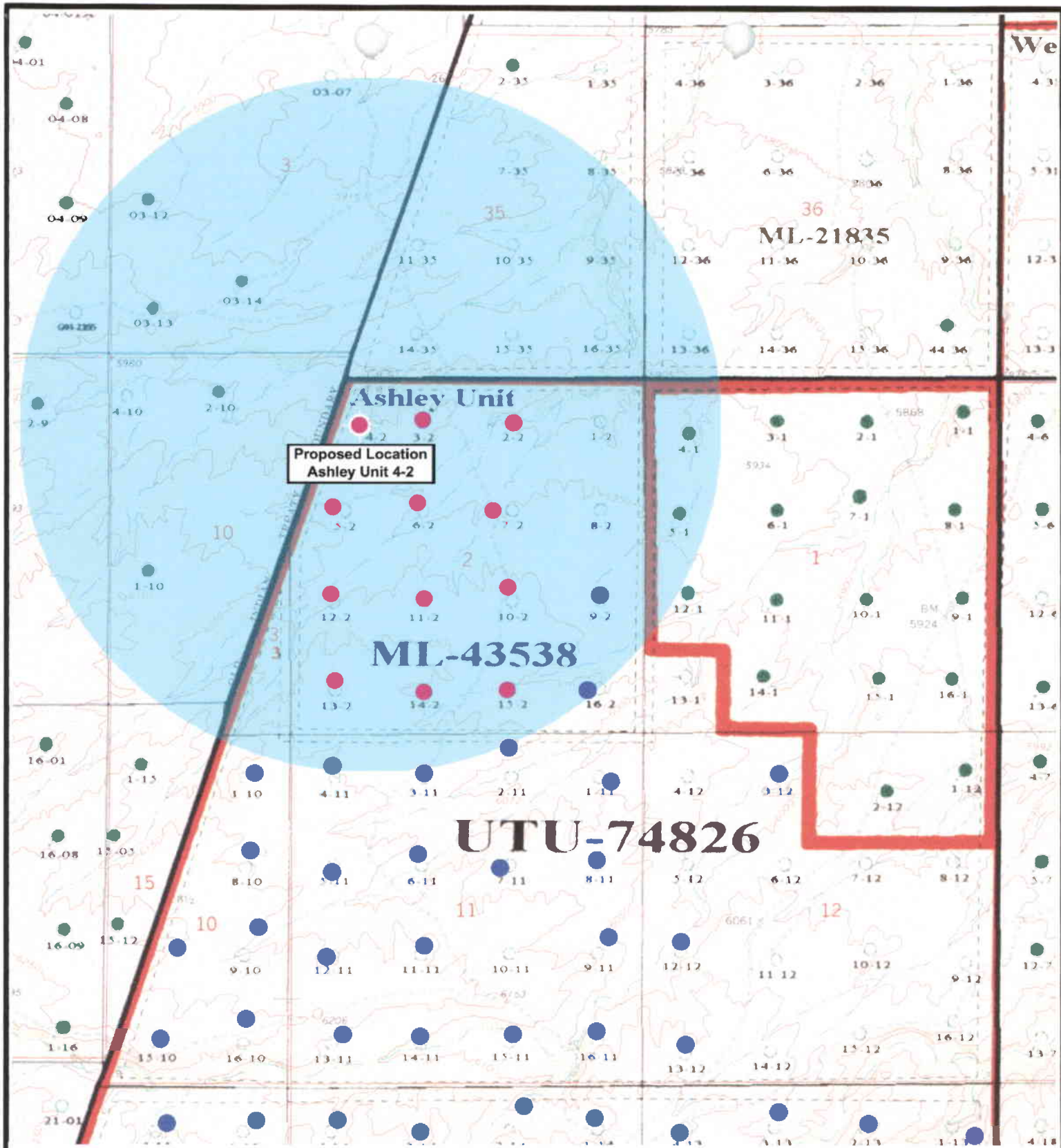
**Legend**  
— Roads  
- - - Proposed Gas Line

TOPOGRAPHIC MAP

"D"







**Ashley Unit 4-2**  
**SEC. 2, T9S, R15E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
 DRAWN BY: L.C.S.  
 DATE: 04-14-2004

**Legend**

- Proposed Location
- One-Mile Radius
- Existing Well Pad

**Exhibit "B"**

## 2-M SYSTEM

Blowout Prevention Equipment Systems

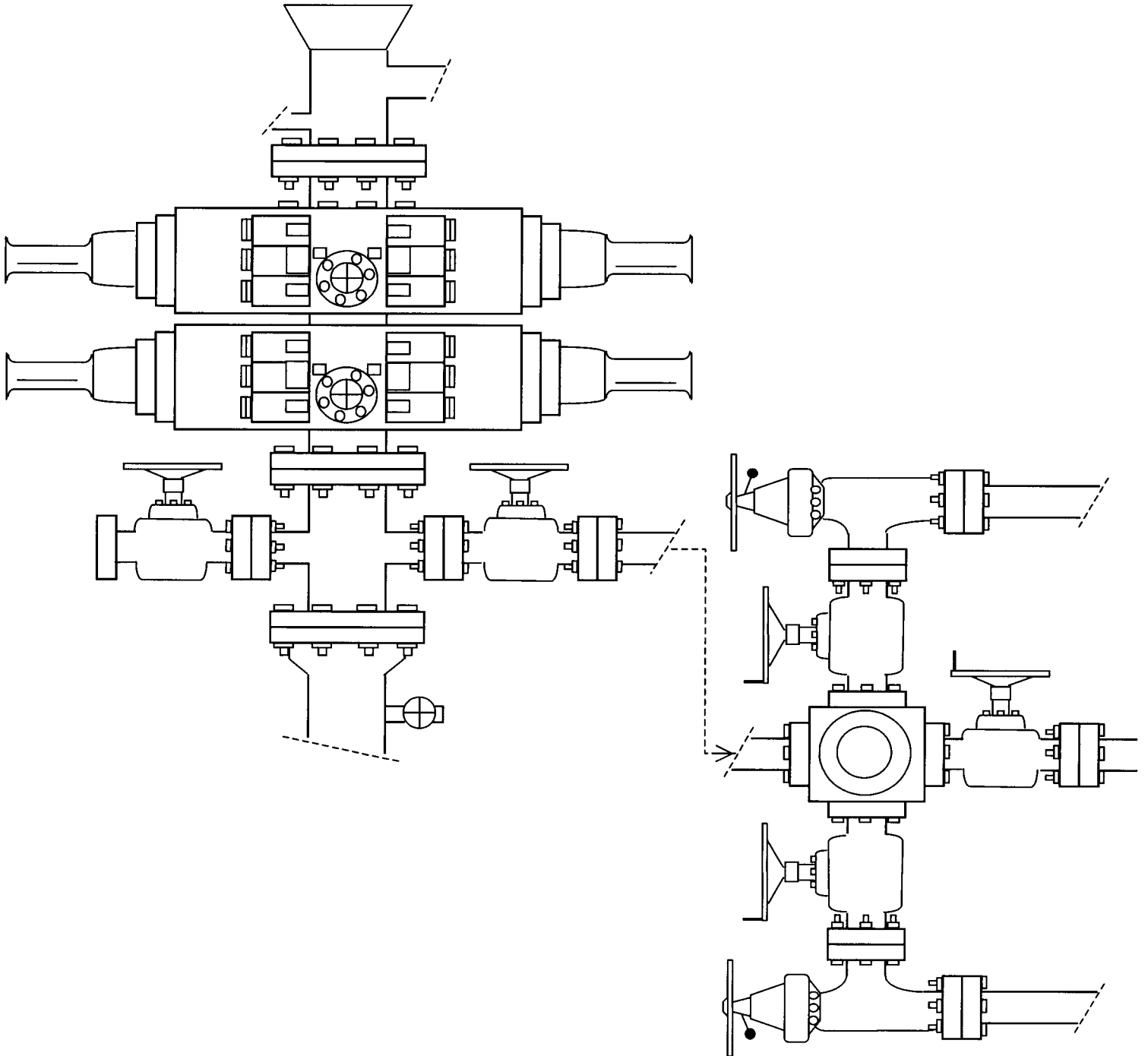


EXHIBIT C

003

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/22/2004

API NO. ASSIGNED: 43-013-32582

WELL NAME: ASHLEY ST 4-2-9-15OPERATOR: INLAND PRODUCTION ( N5160 )CONTACT: MANDIE CROZIERPHONE NUMBER: 435-646-3721

## PROPOSED LOCATION:

NWNW 02 090S 150E

SURFACE: 0773 FNL 0459 FWL

BOTTOM: 0773 FNL 0459 FWL

DUCHESNE

MONUMENT BUTTE ( 105 )

LEASE TYPE: 3 - State

LEASE NUMBER: ML-43538 *ok*

SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	<i>DRD</i>	<i>7/6/04</i>
Geology		
Surface		

LATITUDE: 40.06514

LONGITUDE: 110.20375

## RECEIVED AND/OR REVIEWED:

☒ Plat☒ Bond: Fed[] Ind[] Sta[3] Fee[]  
(No. 4471291 *mw*)☒ Potash (Y/N)☒ Oil Shale 190-5 (B) or 190-3 or 190-13☒ Water Permit  
(No. MUNICIPAL)☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_)☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

\_\_\_\_\_ R649-2-3.Unit ASHLEY\_\_\_\_\_ R649-3-2. GeneralSiting: 460 From Qtr/Qtr & 920' Between Wells\_\_\_\_\_ R649-3-3. Exception☒ Drilling UnitBoard Cause No: 242-1Eff Date: 8-25-98Siting: Suspends General Siting\_\_\_\_\_ R649-3-11. Directional Drill

## COMMENTS:

Needs Permit (06-2404)

## STIPULATIONS:

1- Surface Csg Cont Strip2- STATEMENT OF BASIS





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

April 26, 2004

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2004 Plan of Development Ashley Unit,  
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2003 within the Ashley Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Green River)

43-013-32574	Ashley State	10-2-9-15 Sec 2 T09S R15E 2093 FSL 2056 FEL
43-013-32575	Ashley State	11-2-9-15 Sec 2 T09S R15E 1982 FSL 2078 FWL
43-013-32576	Ashley State	12-2-9-15 Sec 2 T09S R15E 1978 FSL 0638 FWL
43-013-32577	Ashley State	13-2-9-15 Sec 2 T09S R15E 0661 FSL 0670 FWL
43-013-32578	Ashley State	14-2-9-15 Sec 2 T09S R15E 0525 FSL 2017 FWL
43-013-32579	Ashley State	15-2-9-15 Sec 2 T09S R15E 0537 FSL 2051 FEL
43-013-32580	Ashley State	2-2-9-15 Sec 2 T09S R15E 0672 FNL 1978 FEL
43-013-32581	Ashley State	3-2-9-15 Sec 2 T09S R15E 0640 FNL 1358 FWL
43-013-32582	Ashley State	4-2-9-15 Sec 2 T09S R15E 0773 FNL 0459 FWL
43-013-32583	Ashley State	5-2-9-15 Sec 2 T09S R15E 1997 FNL 0462 FWL
43-013-32584	Ashley State	6-2-9-15 Sec 2 T09S R15E 1870 FNL 1630 FWL
43-013-32585	Ashley State	7-2-9-15 Sec 2 T09S R15E 2008 FNL 2254 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Ashley Unit  
Division of Oil Gas and Mining  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:4-26-04



**From:** Ed Bonner  
**To:** Whitney, Diana  
**Date:** 5/5/2004 11:26:07 AM  
**Subject:** Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Westport Oil & Gas Company  
NBU 922-29M  
Watts 923-2D  
State 1022-36J

Inland Production Company  
Ashley State 2-2-9-15  
Ashley State 3-2-9-15  
Ashley State 4-2-9-15  
Ashley State 5-2-9-15  
Ashley State 6-2-9-15  
Ashley State 7-2-9-15  
Ashley State 10-2-9-15  
Ashley State 11-2-9-15  
Ashley State 12-2-9-15  
Ashley State 13-2-9-15  
Ashley State 14-2-9-15  
Ashley State 15-2-9-15

If you have any questions regarding this matter please give me a call.

**CC:** Garrison, LaVonne; Hill, Brad; Hunt, Gil

**DIVISION OF OIL, GAS AND MINING  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS**

**OPERATOR:** Inland Production Company  
**WELL NAME & NUMBER:** Ashley State #4-2-9-15  
**API NUMBER:** 43-013-32582  
**LOCATION:** 1/4,1/4 NW/NW Sec: 2 TWP: 9S RNG: 15E 773 FNL 459 FWL

**Geology/Ground Water:**

Inland proposes to set 290' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 400'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of section 2. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement program should adequately protect any useable ground water and nearby wells.

**Reviewer:** Brad Hill **Date:** 06/29/04

**Surface:**

The Roosevelt Office conducted onsite with Inland for this well on June 24, 2004 to take input and address any concerns regarding the construction and drilling of said well. Ed Bonner with SITLA was notified by telephone and through email one week prior to the onsite visit to allow the landowner input regarding surface use. Likewise, Floyd Bartlett with UDWR was also notified to address any wildlife concerns they might have with this project. Representatives (Ed Bonner) from SITLA have given UDWR the authorization to provide reclamation seed mixture to DOGM and the operator for future reclamation use. No critical or sensitive wildlife species were documented by UDWR as a problem with this project. This well was staked within the 200-foot tolerance required by 40 acre spacing. This well was moved southeast of center because a portion of the qtr/qtr is tribal or old Indian Boundary. The surface slopes gently toward the north and doesn't provide any construction problems. There wasn't any surface (or known sub-surface water) in the area and therefore a reserve pit liner is optional. However, if blasting is needed to construct pit or if the pit does not hold water a liner should be installed.

**Reviewer:** Dennis L. Ingram **Date:** June 28, 2004

**Conditions of Approval/Application for Permit to Drill:**

None.

**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

OPERATOR: Inland Production Company  
WELL NAME & NUMBER: Ashley State #4-2-9-15  
API NUMBER: 43-013-32582  
LEASE: ML-43538 FIELD/UNIT: Monument Butte (Ashley)  
LOCATION: 1/4, 1/4 NW/NW Sec: 2 TWP: 9S RNG: 15E 773 FNL 459 FWL  
LEGAL WELL SITING: Siting is suspended within the unit.  
GPS COORD (UTM): X =0567841 E; Y =4435078 N SURFACE OWNER: SITLA

**PARTICIPANTS**

Dennis L. Ingram (DOGM) Brad Mecham (Inland) Floyd Bartlett (UDWR)

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

Well site is proposed approximately 15 miles southwest of Myton, Utah and accessed from the Pleasant Valley, Wells Draw road off Highway 40, in tabletop, rolling hill type habitat that dips to the north and east. This region is arid and has shallow washes that drain from the southwest to the northeast. The Old Indian Treaty Boundary cuts across the northwest corner of this section in a north/northeasterly fashion.

**SURFACE USE PLAN**

CURRENT SURFACE USE: Domestic grazing, wildlife use, recreational

PROPOSED SURFACE DISTURBANCE: Proposed 450' of new access road, upgrade 4050' of existing two-track road, location measuring 290'x 149' plus reserve pit and soil storage outside of described area.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: \_\_\_\_\_

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Pump jack and line heater on location with production pumped and separated at the AS#10-2; pipeline along access road.

SOURCE OF CONSTRUCTION MATERIAL: Native cut and fill

ANCILLARY FACILITIES: None requested

**WASTE MANAGEMENT PLAN:**

Submitted to the division with Application to Drill

**ENVIRONMENTAL PARAMETERS**

AFFECTED FLOODPLAINS AND/OR WETLANDS: N/A

FLORA/FAUNA: Blacksage, Blue bunch wheat, poor topsoil; Yearlong antelope use, possibly sage grouse, prairie dogs and other smaller mammals

SOIL TYPE AND CHARACTERISTICS: Tan fine grained sandy loam

SURFACE FORMATION & CHARACTERISTICS: Uintah

EROSION/SEDIMENTATION/STABILITY: minor erosion, some sedimentation, no stability problems anticipated.

PALEONTOLOGICAL POTENTIAL: None observed during onsite

**RESERVE PIT**

CHARACTERISTICS: Proposed on south side of location in cut measuring 90'x 40'x 8' deep

LINER REQUIREMENTS (Site Ranking Form attached): 15 points

**SURFACE RESTORATION/RECLAMATION PLAN**

According to stipulations provided by SITLA; seed mixture for surface was provided by the Utah Division of Wildlife Habitat Department

SURFACE AGREEMENT: Yes

CULTURAL RESOURCES/ARCHAEOLOGY: Survey was done and submitted to the division with Application to Drill.

**OTHER OBSERVATIONS/COMMENTS**

Surface slopes to north/northeast, sparse vegetative cover, old P&A well approximately 200 feet southeast of location (wells Draw State #2).

**ATTACHMENTS**

Photos of this location were taken and placed on file.

Dennis L. Ingram  
DOGM REPRESENTATIVE

June 24, 2004 10:00 AM  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

**Final Score**      15      (Level II Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.





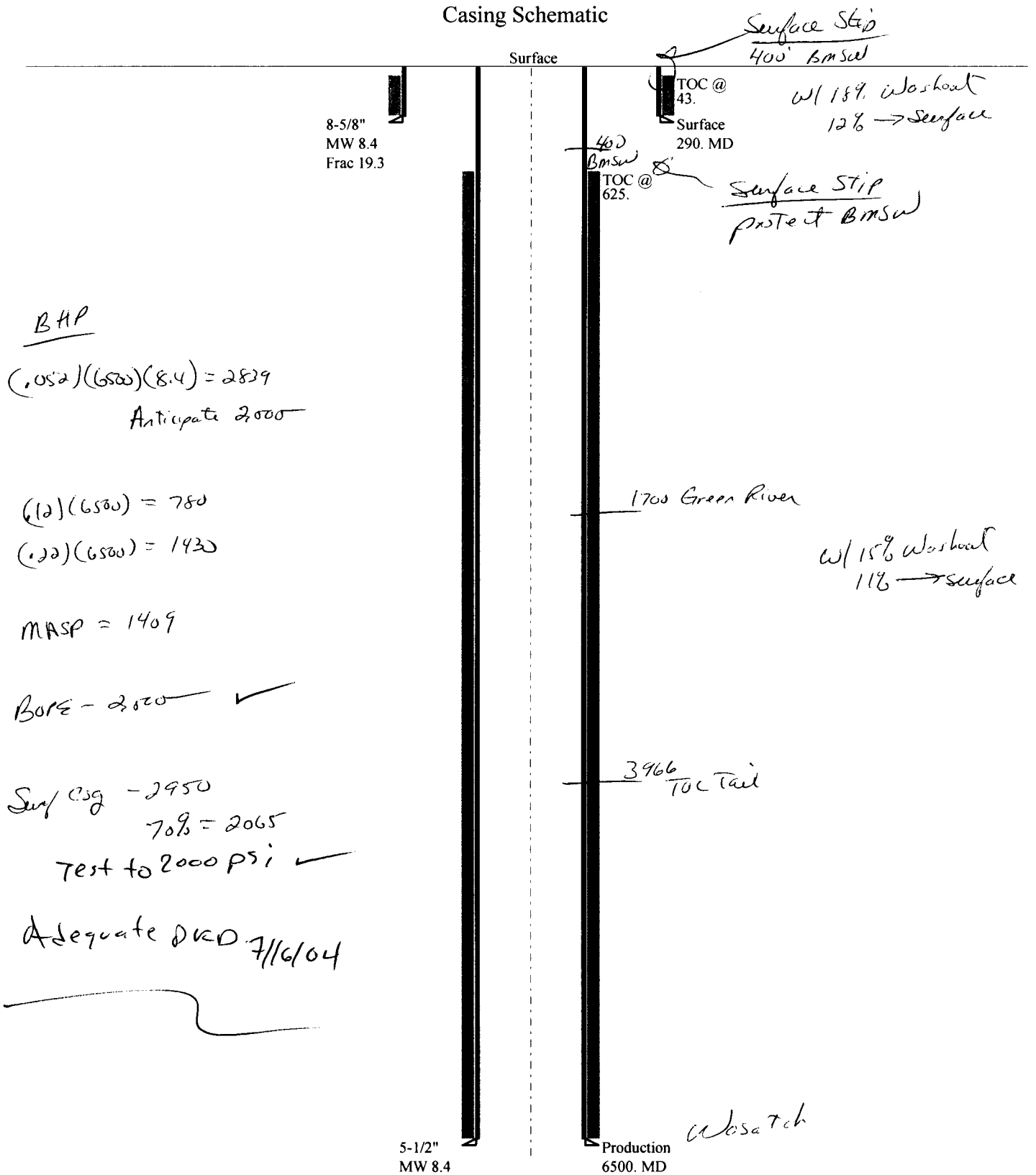






07-04 Inland AS 4-2-9-15

Casing Schematic



Well name:

**07-04 Inland AS 4-2-9-15**Operator: **Inland Production Company**String type: **Surface**

Project ID:

**43-013-32582**Location: **Duchesne County****Design parameters:****Collapse**Mud weight: 8.400 ppg  
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 69 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 290 ft

Cement top: 43 ft

**Burst**Max anticipated surface pressure: 0 psi  
Internal gradient: 0.436 psi/ft  
Calculated BHP 127 psi  
  
No backup mud specified.**Tension:**8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.  
Neutral point: 253 ft**Re subsequent strings:**Next setting depth: 6,500 ft  
Next mud weight: 8.400 ppg  
Next setting BHP: 2,836 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 290 ft  
Injection pressure 290 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	290	8.625	24.00	J-55	ST&C	290	290	7.972	14
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	127	1370	10.826	127	2950	23.31	6	244	40.12 J

Prepared by: Clinton Dworshak  
Utah Div. of Oil & MiningPhone: 801-538-5280  
FAX: 801-359-3940Date: July 8, 2004  
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 290 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:	<b>07-04 Inland AS 4-2-9-15</b>	
Operator:	<b>Inland Production Company</b>	Project ID:
String type:	<b>Production</b>	<b>43-013-32582</b>
Location:	<b>Duchesne County</b>	

**Design parameters:**
**Collapse**

Mud weight: 8.400 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**
**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 156 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 300 ft

Cement top: 625 ft

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.436 psi/ft  
Calculated BHP 2,836 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.  
Neutral point: 5,674 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6500	5.5	15.50	J-55	LT&C	6500	6500	4.825	203.8

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2836	4040	1.424	2836	4810	1.70	101	217	2.15 J

Prepared by: Clinton Dworshak  
Utah Div. of Oil & Mining

Phone: 801-538-5280  
FAX: 801-359-3940

Date: July 8, 2004  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 6500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*



## State of Utah

Department of  
Natural ResourcesROBERT L. MORGAN  
*Executive Director*Division of  
Oil, Gas & MiningLOWELL P. BRAXTON  
*Division Director*OLENE S. WALKER  
*Governor*GAYLE F. McKEACHNIE  
*Lieutenant Governor*

July 19, 2004

Inland Production Company  
Route #3 Box 3630  
Myton, Utah 84052Re: Ashley State 4-2-9-15 Well, 733' FNL, 459' FWL, NW NW, Sec. 2,  
T. 9 South, R. 15 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32582.

Sincerely,

John R. Baza  
Associate Director

jc  
Enclosurescc: Duchesne County Assessor  
SITLA  
Bureau of Land Management – Vernal Field Office

**Operator:** Inland Production Company  
**Well Name & Number** Ashley State 4-2-9-15  
**API Number:** 43-013-32582  
**Lease:** ML-43538

**Location:** NW NW      **Sec.** 2      **T.** 9 South      **R.** 15 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4.** Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5.** Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
- 6.** Surface casing shall be cemented to the surface.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

005

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-43538
2. NAME OF OPERATOR: Inland Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1401 17th St. Suite 1000 CITY Denver STATE Co ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 733' FNL & 459' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 2 9S 15E		8. WELL NAME and NUMBER: Ashley State 4-2-9-15
PHONE NUMBER: (303) 893-0102		9. API NUMBER: 4301332582
COUNTY: Duchesne		10. FIELD AND POOL, OR WILDCAT: Monument Butte
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 8/5/2004	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input checked="" type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Inland Production Company is requesting a change of name on this well from the Ashley State 4-2-9-15 to the Ashley State 4-2T-9-15.

NAME (PLEASE PRINT) Brian Harris	TITLE Engineering Tech.
SIGNATURE <i>Brian Harris</i>	DATE

(This space for State use only)

RECEIVED  
AUG 16 2004  
DIV. OF OIL, GAS & MINING



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer



## OPERATOR CHANGE WORKSHEET

006

Change of Operator (Well Sold)

Designation of Agent/Operator

## ROUTING

1. GLH

2. CDW

3. FILE

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004

**FROM: (Old Operator):**  
 N5160-Inland Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

**TO: ( New Operator):**  
 N2695-Newfield Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

CA No.

Unit:

ASHLEY

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
ASHLEY ST 10-2-9-15	02	090S	150E	4301332574	12419	State	OW	P	K
ASHLEY ST 11-2-9-15	02	090S	150E	4301332575	12419	State	OW	P	K
ASHLEY ST 12-2-9-15	02	090S	150E	4301332576	12419	State	OW	P	K
ASHLEY ST 13-2-9-15	02	090S	150E	4301332577	12419	State	OW	P	K
ASHLEY ST 14-2-9-15	02	090S	150E	4301332578	12419	State	OW	P	K
ASHLEY ST 15-2-9-15	02	090S	150E	4301332579	12419	State	OW	P	K
ASHLEY ST 2-2-9-15	02	090S	150E	4301332580		State	OW	APD	K
ASHLEY ST 3-2-9-15	02	090S	150E	4301332581		State	OW	APD	K
ASHLEY ST 4-2T-9-15	02	090S	150E	4301332582		State	OW	APD	K
ASHLEY ST 5-2-9-15	02	090S	150E	4301332583		State	OW	APD	K
ASHLEY ST 6-2-9-15	02	090S	150E	4301332584		State	OW	APD	K
ASHLEY FED 7-22-9-15	22	090S	150E	4301332487	14453	Federal	OW	DRL	K
ASHLEY FED 1-23-9-15	23	090S	150E	4301332478	14455	Federal	OW	DRL	K
ASHLEY FED 3-23-9-15	23	090S	150E	4301332479	14451	Federal	OW	DRL	K
ASHLEY FED 5-23-9-15	23	090S	150E	4301332480	14452	Federal	OW	DRL	K
ASHLEY FED 7-23-9-15	23	090S	150E	4301332481	14454	Federal	OW	DRL	K
ASHLEY FED 1-24-9-15	24	090S	150E	4301332482		Federal	OW	APD	K
ASHLEY FED 3-24-9-15	24	090S	150E	4301332483		Federal	OW	APD	K
ASHLEY FED 5-24-9-15	24	090S	150E	4301332484		Federal	OW	APD	K
ASHLEY FED 7-24-9-15	24	090S	150E	4301332485		Federal	OW	APD	K

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

#### DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 2/28/2005  
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005  
3. Bond information entered in RBDMS on: 2/28/2005  
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005  
5. Injection Projects to new operator in RBDMS on: 2/28/2005  
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

#### FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

#### INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

#### FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The FORMER operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

#### LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

#### COMMENTS:

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

## STATE OF UTAH

## DIVISION OF OIL, GAS, AND MINING

1. <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>ML-43538</b>
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN" form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME <b>N/A</b>
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>		7. UNIT AGREEMENT NAME <b>ASHLEY (GR RVR)</b>
2. NAME OF OPERATOR <b>NEWFIELD PRODUCTION COMPANY</b>		8. WELL NAME and NUMBER <b>ASHLEY STATE 4-2-9-15</b>
3. ADDRESS AND TELEPHONE NUMBER <b>Rt. 3 Box 3630, Myton Utah 84052 435-646-3721</b>		9. API NUMBER <b>43-013-32582</b>
4. LOCATION OF WELL  Footages <b>773 FNL 459 FWL</b>  QQ, SEC, T, R, M: <b>NW/NWSection 2, T9S R15E</b>		10. FIELD AND POOL, OR WILDCAT <b>MONUMENT BUTTE</b>
		COUNTY <b>DUCHESNE</b> STATE <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA	
<b>NOTICE OF INTENT:</b> (Submit in Duplicate) <input type="checkbox"/> ABANDON <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> REPAIR CASING <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> RECOMPLETE <input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> REPERFORATE <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> WATER SHUT OFF <input checked="" type="checkbox"/> OTHER <u>Permit Extension</u>	<b>SUBSEQUENT REPORT OF:</b> (Submit Original Form Only) <input type="checkbox"/> ABANDON* <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> REPAIR CASING <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> RECOMPLETE <input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> REPERFORATE <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> OTHER _____ DATE WORK COMPLETED _____ Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. *Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.

Newfield Inland Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 7/19/04 (expiration 7/19/05).

13. NAME & SIGNATURE: Mandie Crozier Regulatory Specialist DATE 7/8/05  
Mandie Crozier

(This space for State use only)

4/94

\* See Instructions On Reverse Side

COPIES SENT TO OPERATOR  
2-12-05  
CHO

RECEIVED  
JUL 12 2005

DIV. OF OIL, GAS &amp; MINING

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 07-12-05  
By: [Signature]

SECRET

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-013-32582  
**Well Name:** Ashley State 4-2-9-15  
**Location:** NW/NW Section 2, T9S R15E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 7/19/2004

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒ NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

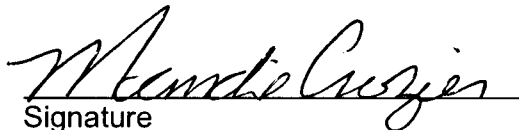
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

7/13/05  
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

## STATE OF UTAH

## DIVISION OF OIL, GAS, AND MINING

<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN" form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> <b>ML-43538</b>
<b>2. NAME OF OPERATOR</b> <b>NEWFIELD PRODUCTION COMPANY</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME</b> <b>N/A</b>
<b>3. ADDRESS AND TELEPHONE NUMBER</b> <b>Rt. 3 Box 3630, Myton Utah 84052</b> <b>435-646-3721</b>		<b>7. UNIT AGREEMENT NAME</b> <b>ASHLEY (GR RVR)</b>
<b>4. LOCATION OF WELL</b> Footages <b>773 FNL 459 FWL</b> QQ, SEC, T, R, M: <b>NW/NWSection 2, T9S R15E</b>		<b>8. WELL NAME and NUMBER</b> <b>ASHLEY STATE 4-2T-9-15</b>
<b>9. API NUMBER</b> <b>43-013-32582</b>		<b>10. FIELD AND POOL, OR WILDCAT</b> <b>MONUMENT BUTTE</b>
<b>COUNTY</b> <b>DUCHESNE</b> <b>STATE</b> <b>UTAH</b>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA	
<b>NOTICE OF INTENT:</b> (Submit in Duplicate) <input type="checkbox"/> ABANDON <input type="checkbox"/> REPAIR CASING <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> MULTIPLE COMPLETION <input checked="" type="checkbox"/> OTHER <u>Permit Extension</u>	<b>SUBSEQUENT REPORT OF:</b> (Submit Original Form Only) <input type="checkbox"/> ABANDON* <input type="checkbox"/> REPAIR CASING <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> OTHER <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> RECOMPLETE <input type="checkbox"/> REPERFORATE <input type="checkbox"/> VENT OR FLARE DATE WORK COMPLETED _____ Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. *Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)

Newfield Production Company requests to extend the Permit to Drill this well for one more year. The original approval date was 7/19/04 (expiration 7/19/06).

13. NAME AND SIGNATURE Mandie Crozier TITLE Regulatory Specialist DATE 8/22/2006

(This space for State use only)

494

\* See Instructions On Reverse Side

Approved by the  
Utah Division of  
Oil, Gas and Mining

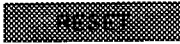
Date: 08-24-06

By: [Signature]

RECEIVED

AUG 23 2006

DIV. OF OIL, GAS & MINING



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-013-32582  
**Well Name:** Ashley State 4-2T-9-15  
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Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

8/21/2006  
Date

Title: Regulatory Specialist

Representing: Newfield Production Company



JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

September 14, 2007

Mandie Crozier  
Newfield Production Co  
Route 3 Box 3630  
Myton, UT 84052

Re: APD Rescinded – Ashley St 4-2T-9-15 Sec. 2 T. 9S R. 15E  
Duchesne County, Utah API No. 43-013-32582

Dear Ms. Crozier:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on July 19, 2004. On July 12, 2005 and August 24, 2006 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective September 14, 2007.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason  
Environmental Scientist

cc: Well File  
SITLA, Ed Bonner

